

MULTIMEDIA



UNIVERSITY

STUDENT ID NO

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MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 3, 2016/2017

BIM1014 – INFORMATION SYSTEMS AND MULTIMEDIA

(All sections / Groups)

1 JUNE 2017

9.00 AM – 11.00 AM

(2 Hours)

INSTRUCTIONS TO STUDENTS

1. This question paper consists of 3 pages with 4 questions only.
2. Attempt **ALL** questions. Distribution of the marks for each question is given.
3. Please print all your answers in the Answer Booklet provided.

ESSAY QUESTIONS (100 Marks)

There are **FOUR (4)** questions in this section. Answer **ALL** questions.

Question 1

- a. Define the following terms: (10 marks)
- i) Biometrics
 - ii) Cloud Computing
 - iii) Hyperlink
 - iv) Wifi
 - v) Privacy
- b. Discuss **FIVE (5)** benefits of Information Systems that improves competitive advantage of an organization. (15 marks)
- (Total: 25 marks)**

Question 2

- a. Information systems play **THREE (3)** major roles at three different organisation levels. Describe all the roles and justify the systems at each level. (10 marks)
- b. Differentiate between data, information and knowledge. (9 marks)
- c. The following are examples of scam emails sent to college students in United States as reported by Internet Crime Complaint Centre, 18 Jan 2017. This scam results in financial loss for students. Give **TWO (2)** tips on how to protect students from this scam. (6 marks)

"You will need some materials/software and also a time tracker to commence your training and orientation and also you need the software to get started with work. The funds for the software will be provided for you by the company via check. Make sure you use them as instructed for the software and I will refer you to the vendor you are to purchase them from, okay."

"I have forwarded your start-up progress report to the HR Dept. and they will be facilitating your start-up funds with which you will be getting your working equipment from vendors and getting started with training."

"Enclosed is your first check. Please cash the check, take \$300 out as your pay, and send the rest to the vendor for supplies."

Source: <https://www.ic3.gov/media/2017/170118.aspx>

(Total: 25 marks)

Continued

Question 3

- a. Discuss any **FOUR (4)** applications of telecommunication systems in business today.

(12 marks)

- b. Define the term intranet and explain its uses for each of these functional areas.

- i) Human resources management
- ii) Sales and marketing
- iii) Finance

(13 marks)

(Total: 25 marks)

Question 4

As a project manager, you are required to form a team and produce a short video. The objective of this project is to create awareness among school girls about online grooming and danger of predators on smartphone. Prepare a 2-page proposal for this project on impact of this video, stages involved in making this multimedia projects, suitable media for delivery and important tools needed for the project.

(Total: 25 marks)

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